

**Amendments to the Claims**

The following listing of claims will replace all prior versions, and listings, of claims in the application.

1. (Currently Amended) A method of configuring a motor controller with an external device, comprising:

providing the motor controller to include solid state switches for controlling application of power to the motor, and a control circuit for controlling operation of the solid state switches, the control circuit comprising a programmed processor for commanding operation of the solid state switches, and a memory connected to the programmed processor for storing parameters relating to operation of the solid state switches;

providing the external device to include a memory for storing parameters relating to operation of the solid state switches;

establishing communications between the programmed processor and the external device; and

~~transferring~~ uploading a configuration database file ~~between from~~ the controller memory ~~and to~~ the external device memory, the configuration database file comprising a plurality of the stored parameters relating to operation of the solid state switches; and

subsequently downloading the uploaded configuration database file from the external device memory to the controller memory.

2. (Currently Amended) The method of configuring a motor controller with an external device of claim 1 further comprising entering parameters relating to operation of the solid state switches into the external device memory to define ~~the~~ a second configuration database file ~~to be transferred to the controller memory.~~

Claims 3-5. (Cancelled)

6. (Currently Amended) The method of configuring a motor controller with an external device of claim [[4]] 1 further comprising printing a listing of the uploaded configuration database file.

7. (Original) The method of configuring a motor controller with an external device of claim 1 further comprising storing a plurality of pre-configured database files in the external device memory.

8. (Cancelled)

9. (Original) The method of configuring a motor controller with an external device of claim 1 wherein establishing communications between the programmed processor and the external device comprises providing an infrared communication path between the programmed processor and the external device.

10. (Original) The method of configuring a motor controller with an external device of claim 1 wherein establishing communications between the programmed processor and the external device comprises providing a wired communication path between the programmed processor and the external device.

11. (Currently Amended) An externally configurable motor controller system, comprising:

a motor controller including solid state switches for controlling application of power to a motor, and a control circuit for controlling operation of the solid state switches, the control circuit comprising a programmed processor for commanding operation of the solid state switches, and a memory connected to the programmed processor storing parameters relating to operation of the solid state switches, and an interface circuit operatively connected to the programmed processor;

an external configuration device including a memory for storing parameters relating to operation of the solid state switches and an interface for communication with the motor controller; and

means operatively associated with the programmed processor and the external configuration device for ~~transferring~~ uploading a configuration database file ~~between from the controller memory and to the external device memory, and for subsequently downloading the uploaded configuration database file from the external device memory to the controller memory,~~ the configuration database file comprising a plurality of the stored parameters relating to operation of the solid state switches.

Claims 12-15. (Cancelled)

16. (Currently Amended) The externally configurable motor controller system of claim 14 11 further comprising a printer operatively associated with the external device for printing a listing of the uploaded configuration database file.

17. (Original) The externally configurable motor controller system of claim 11 wherein the external device memory stores a plurality of pre-configured database files.

18. (Cancelled)

19. (Original) The externally configurable motor controller system of claim 11 further comprising an infrared communication path between the programmed processor and the external device.

20. (Original) The externally configurable motor controller system of claim 11 further comprising a wired communication path between the programmed processor and the external device.

21. (Currently Amended) An externally configurable soft starter system, comprising:  
a motor controller including solid state switches for controlling application of power to a motor, and a control circuit for controlling operation of the solid state

switches, the control circuit comprising a programmed processor for commanding operation of the solid state switches, and a memory connected to the programmed processor storing parameters relating to operation of the solid state switches, and an interface circuit operatively connected to the programmed processor;

an external configuration device including a memory for storing parameters relating to operation of the solid state switches and an interface for communication with the motor controller; and

a configuration program operatively implemented in the programmed processor and the external configuration device for ~~transferring~~ uploading a configuration database file between from the controller memory and to the external device memory, and for subsequently downloading the uploaded configuration database file from the external device memory to the controller memory, the configuration database file comprising a plurality of the stored parameters relating to operation of the solid state switches.

Claims 22-25. (Cancelled)

26. (Original) The externally configurable soft starter system of claim 21 wherein the external device memory stores a plurality of pre-configured database files.

27. (Cancelled)

28. (New) The method of configuring a motor controller with an external device of claim 1, further comprising:

uploading the configuration database file to the external device memory prior to servicing the motor controller; and

downloading the uploaded configuration database file to the controller memory after servicing the motor controller.

29. (New) A method of configuring a motor controller with an external device, comprising:

providing the motor controller to include solid state switches for controlling application of power to the motor, and a control circuit for controlling operation of the solid state switches, the control circuit comprising a programmed processor for commanding operation of the solid state switches, and a memory connected to the programmed processor for storing parameters relating to operation of the solid state switches;

providing the external device to include a memory for storing parameters relating to operation of the motor controller;

storing in the external device memory a plurality of configuration database files each comprising a respective plurality of parameters relating to operation of a respective type of motor controller system;

establishing communications between the programmed processor and the external device;

selecting a configuration database file from among the plurality of stored configuration database files based on a type of the motor controller; and

transferring the selected configuration database file from the external device memory to the controller memory.

30. (New) The method of configuring a motor controller with an external device of claim 29, further comprising receiving from a user parameters relating to operation of a motor controller system.

31. (New) The method of configuring a motor controller with an external device of claim 30, wherein the parameters are stored in a configuration database file in a predetermined format.

32. (New) The method of configuring a motor controller with an external device of claim 29, further comprising determining the type of the motor controller based on information received from a user.

33. (New) The method of configuring a motor controller with an external device of claim 29, comprising selecting a configuration database file from among the plurality of stored configuration database files based on at least one of a motor size and an elevator configuration.

34. (New) A method of configuring a motor controller system, comprising: establishing a communication link between a motor controller system and an external device;

uploading a configuration database file from a memory of the motor controller system to a memory of the external device, the configuration database file comprising a plurality of the stored parameters relating to operation of the motor controller system; and

downloading the uploaded configuration database file from the memory of the external device to the memory of the motor controller system.